

Technical sheet :

CT 50



| Technical characteristics | | Metric | |
|---------------------------|---|--------|----------------------------|
| 1.1 | Manufacturer | | Manitou |
| 1.2 | Model Name | | CT 50 |
| 1.3 | Power source | | Electrical |
| 1.4 | Operator type | | Carried |
| 1.5 | Max. capacity | Q | 5000 kg |
| 1.9 | Wheelbase | y | 1109 mm |
| Weight | | | |
| 2.1 | Service weight | | 1270 kg |
| 2.3 | Axle loading unladen (front / rear) | | 800 kg / 470 kg |
| Wheels | | | |
| 3.1 | Tires type | | Bandage |
| 3.2 | Dimensions of front wheels | | 254 x 100 |
| 3.3 | Dimensions of rear wheels | | 250 x 75 |
| 3.4 | Additional wheels (dimensions) | | 140 x 40 |
| 3.5 | Number of front wheels / rear wheels | | 2 / 2 |
| 3.5.2 | Drive wheels (front / rear) | | 1 / 0 |
| 3.6 | Front wheel gauge | b10 | 581 mm |
| 3.7 | Rear wheel gauge | b11 | 633 mm |
| Dimensions | | | |
| 4.8 | Platform height | h7 | 128 mm |
| 4.9 | Height tiller up max.* | h14 | 1212 mm |
| 4.12 | Height of towing bar (coupling height) | h10 | 220 mm |
| 4.17 | Coupling distance to rear axle | l5 | 255 mm |
| 4.19 | Overall length | l1 | 1551 mm |
| 4.21 | Overall width | b1 | 800 mm |
| 4.32 | Ground clearance at centre of wheelbase | m2 | 50 mm |
| 4.35 | Turning radius | Wa | 1332 mm |
| Performances | | | |
| 5.1 | Travel speed (laden / unladen) | | 8 km/h / 12 km/h |
| 5.8 | Max Gradeability (laden / unladen) | | 4 % / 13 % |
| 5.10 | Service brake | | Electro magnetic |
| 5.11 | Parking brake | | Butterfly switch release |
| Engine | | | |
| 6.1 | Drive motor rating S2 60 min | | 2 kW |
| 6.3 | Battery according to DIN 43531/35/36 A, B, C | | Traction |
| 6.4 | Battery voltage / capacity | | 24 V / 465 Ah |
| 6.5 | Battery weight (+/- 5%) | | 460 kg |
| Miscellaneous | | | |
| 8.1 | Type of drive control | | Mosfet AC speed controller |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 | | 66 dB |

CT 50 - Dimensional drawing





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